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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 036466-0105
		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/514,197
INTERNATIONAL APPLICATION NO. PCT/US03/014743	INTERNATIONAL FILING DATE 05/13/2003	PRIORITY DATE CLAIMED 05/17/2002
TITLE OF INVENTION DETERMINATION OF PROTEIN FUNCTION		
APPLICANT(S) FOR DO/EO/US Kris F. SACHSENMEIER, Douglas KOEBLER, Darrin SABOL, Alfred B. BAHNSON & Ramond K. HOUCK		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2. <input checked="" type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3. <input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4. <input type="checkbox"/>	The US has been elected (Article 31).	
5. <input type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
	<input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).	
	<input type="checkbox"/> has been communicated by the International Bureau.	
	<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6. <input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))	
	<input type="checkbox"/> is attached hereto.	
	<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7. <input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
	<input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).	
	<input type="checkbox"/> have been communicated by the International Bureau.	
	<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.	
	<input type="checkbox"/> have not been made and will not be made.	
8. <input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9. <input checked="" type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10. <input type="checkbox"/>	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11 to 20 below concern other document(s) or information included:		
11. <input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12. <input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13. <input type="checkbox"/>	A preliminary amendment.	
14. <input type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.	
15. <input type="checkbox"/>	A substitute specification.	
16. <input type="checkbox"/>	A power of attorney and/or change of address letter.	
17. <input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13 ^{ter} 2 and 37 CFR 1.821 – 1.825	
18. <input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19. <input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20. <input type="checkbox"/>	Other items or information: OTHER	

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See 37 CFR 1.27. Fees above are reduced by ½. </td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL = \$ 0.00</td> </tr> <tr> <td colspan="5">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL NATIONAL FEE = \$ 0.00</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL FEES ENCLOSED = \$ 0.00</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Amount to be refunded: _____ <input type="checkbox"/> charged: _____ </td> </tr> <tr> <td colspan="5"> a. <input type="checkbox"/> A check in the amount of 0.00 to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. </td> </tr> <tr> <td colspan="5"> NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. </td> </tr> <tr> <td colspan="5"> SEND ALL CORRESPONDENCE TO: Foley & Lardner LLP Customer Number: 22428 </td> </tr> <tr> <td colspan="5">  SIGNATURE <u>Stephen A. Bent</u> NAME <u>29,768</u> REGISTRATION NUMBER <u>Date: April 26, 2005</u> </td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 0.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100	\$ 0.00		All other situations	\$200			23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 0.00		TOTAL OF ABOVE 21, 22 and 23 =		\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/514,197	Kris F Sachesenmeier	036466-0105
INTERNATIONAL APPLICATION NO.		PCT/US03/14743
I.A. FILING DATE		PRIORITY DATE
05/13/2003		05/17/2002
CONFIRMATION NO. 4611		
371 FORMALITIES LETTER		
 OC000000015509616		

Date Mailed: 03/18/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/12/2004
- Copy of the International Search Report filed on 11/12/2004
- U.S. Basic National Fees filed on 11/12/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/514,197	PCT/US03/14743	036466-0105

FORM PCT/DO/EO/905 (371 Formalities Notice)